

PTO/SB/03a (08-03)

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Substitute for form 1449A/PTO		Customer No.: 026414
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number 10/672,385
		Filing Date September 26, 2003
		First Named Inventor Isaac Shemer
		Art Unit 3763
		Examiner Name
Sheet 1 of 6	Attorney Docket Number 501049.20564	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KDM	AA	US- 4,237,895	12-1980	Johnson	
	AB	US- 4,312,354	01-1982	Walters	
	AC	US- 4,384,585	05-1983	Zipes	
	AD	US- 4,440,172	04-1984	Langer	
	AE	US- 4,554,922	11-1985	Prystowsky	
	AF	US- 4,559,947	12-1985	Renger et al.	
	AG	US- 4,674,508	06-1987	DeCote	
	AH	US- 4,726,379	02-1988	Altman et al.	
	AI	US- 4,971,058	11-1990	Pless et al.	
	AJ	US- 4,979,507	12-1990	Heinz et al.	
	AK	US- 4,998,531	03-1991	Bocchi et al.	
	AL	US- 5,044,375	09-1991	Bach, Jr. et al.	
	AM	US- 5,083,564	01-1992	Scherlag	
	AN	US- 5,154,501	10-1992	Svenson et al.	
	AO	US- 5,172,699	12-1992	Svenson et al.	
	AP	US- 5,184,620	02-1993	Cudahy et al.	
KDM	AQ	US- 5,213,098	05-1993	Bennett et al.	
	AR	US- 5,205,284	09-1993	Freeman	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KDM	AS	EP 148 687	07-1985		
	AT	JP 436 5493	12-1992		
KDM	AU	JP 712 6600	05-1995		
KDM	AV	EP 727 241	08-21-1996		
ICDM	AW	WO 97/25098	07-17-1997		

Examiner Signature	Krista Miller	Date Considered	4/4/06
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

6

Customer No.: 026414

Application Number 10/672,385

Filing Date September 28, 2003

First Named Inventor Isaac Shemer

Art Unit 3763

Examiner Name

Attorney Docket Number 501049.20564

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KDM	AX	US- 5,281,219	01-1994	Kallok	
	AY	US- 5,320,642	06-1994	Scherlag	
	AZ	US- 5,366,486	11-1994	Zipes et al.	
	BA	US- 5,391,199	02-1995	Ben-Haim	
	BB	US- 5,417,717	05-1995	Salo et al.	
	BC	US- 5,443,489	08-1995	Ben-Haim	
	BD	US- 5,531,764	07-1996	Adams et al.	
	BE	US- 5,549,646	08-1996	Katz et al.	
	BF	US- 5,622,687	09-1997	Hedberg et al.	
	BG	US- 5,738,096	04-1998	Ben-Haim	
	BH	US- 5,749,906	05-1998	Kieval et al.	
	BI	US- 5,792,208	08-1998	Gray	
	BJ	US- 5,800,464	09-1998	Kieval	
	BK	US- 5,814,079	09-1998	Kieval	
	BL	US- 5,871,506	02-1999	Mower	
KDM	BM	US- 6,330,476	12-2001	Ben-Haim	
		US-			
		US-			

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
KDM	BN	WO 98/10828	03-19-1998			
	BO	WO 98/10830	03-19-1998			
	BP	WO 98/10831	03-19-1998			
	BQ	WO 98/10832	03-19-1998			
KDM	BR	WO 99/09971	03-1999			

Examiner Signature	<i>Kristen Mullen</i>	Date Considered	11/14/06
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Substitute for form 1448/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/672,385
		Filing Date	September 26, 2003
		First Named Inventor	Isaac Shemer
		Art Unit	3763
		Examiner Name	
Sheet 3	of 6	Attorney Docket Number	501049.20564

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KOM	BS	Hoffman, B.F. et al., "Effects of Postextrasystolic Potentiation on Normal and Failing Hearts", Bulletin of New York Academy of Medicine, 41 in 1965, pp 498-534.	
	BT	King A. et al., "The Inotropic Action of Paired Pulse Stimulation in The Normal And Failing Heart: An Experimental Study, Cardiovascular Research, vol. 2, April 1968, pp. 122-129.	
	BU	Dillon, SM., "Optical Recordings in the Rabbit Heart Show that Defibrillation Strength Shocks Prolong the Duration of Depolarization and the Refractory Period" In Circ Res., 69 (3), September 1991, pp. 842-856.	
	BV	Sweeny RS, et al., Ventricular Refractory Period Extension Caused by Defibrillation Shocks", Circulation, September 1990, Vol. 82, No. 3, pp. 965-972	
	BW	Gill RJ, et al., abstract of "Refractory Period Extension During Ventricular Pacing at Fibrillatory Pacing Rates", Pacing Clin. Electrophysiol, March 1997, vol. 20, no. 3, pp. 647-653.	
	BX	Sweeny RJ, et al., abstract of "Refractory Interval After Transcatheter Shocks During Ventricular Fibrillation", Circulation, Dec. 1998, vol. 94, No. 11, pp 2947-52.	
	BY	Sweeney RJ, et al., abstract of "Countershock Strength-Duration Relationship for Myocardial Refractory Period Extension", Acad Emerg. Med., Jan. 1995, Vol. 2, No. 1, pp. 57-62.	
	BZ	Dillon, SM, abstract of "Synchronized Repolarization After Defibrillation Shocks. A Possible Component of the Defibrillation Process Demonstration By Optical Recordings in Rabbit Heart", Circulation, May 1992, Vol. 85, No. 5, pp. 1865-78.	
↓	CA	Saksena et al., "Dual-Site Atrial Pacing in Atrial Fibrillation", JACC, Vol. 28, No. 3, September 1996, pp. 687-94.	
KDM	CB	Thakor et al., "Effect of Varying Pacing Waveform Shapes on Propagation and Hemodynamics in the Rabbit Heart", The American Journal Of Cardiology 79(6A), pp. 38-43. 1997.	

Examiner Signature	<i>Christopher Mullen</i>	Date Considered	4/14/06
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/672,385
Filing Date	September 26, 2003
First Named Inventor	Isaac Shemer
Art Unit	3763
Examiner Name	
Attorney Docket Number	501049.20564

Sheet 4

of 6

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KDM	CC	Franz, M.R., "Method and Theory of Monophasic Action Potential Recording", Prog. Cardiovasc Dis 33(6), May-June 1991, pp. 347-368.	
	CD	Franz, M.R., "Bridging The Gap Between Basic And Clinical Electrophysiology: What Can Be Learned From Monophasic Action Potential Recordings?", J. Cardiovasc Electrophysiol 5(8), August 1994, pp. 699-710.	
	CE	Bargheer K., et al., "Prolongation Of Monophasic Action Potential Duration And The Refractory Period In The Human Heart By Tedisamil, A New Potassium-Blocking Agent", J. Eur Heart 15(10), Oct. 1994, pp. 1409-1414.	
	CF	Franz, M.R., "Progress In Cardiovascular Diseases: Monophasic Action Potential Symposium, I. Introduction", Prog. Cardiovasc Dis 33(6), May-June 1991, pp. 345-348	
	CG	McVeigh E.R., et al., "Noninvasive Measurement of Transmural Gradients In Myocardial Strain with MR Imaging", Radiology 180(3), Sept. 1991, pp. 677, 679-684.	
	CH	Bers, D.M., Excitation-Contraction Coupling and Cardiac Contractile Force. 1991	
	CI	Zipes, D., et al., Cardiac Electrophysiology From Cell To Bedside, 1990, W.B. Saunders Co., Philadelphia 1990.	
	CJ	Josephson, M.E., Clinical Cardiac Electrophysiology: Techniques And Interpretations, 2nd Edition, Lea & Febiger, Philadelphia, 1991.	
W	CH	Wessale, J.L. et al., "Stroke Volume and Three Phase Cardiac Output Rate Relationship With Ventricular Pacing", PACE 13, May 1990, pp. 673-680.	
KDM	CI	Wirtzfeld, A., et al., "Physiological Pacing: Present Status And Future Developments", PACE 10 January-February 1987, Part I, pp. 41-57.	

Examiner Signature	Kristen Muller	Date Considered	4/14/06
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Substantiate for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/672,385		
		Filing Date	September 28, 2003		
		First Named Inventor	Isaac Shemer		
		Art Unit	3763		
		Examiner Name			
Sheet	5	of	6	Attorney Docket Number	501049.20564

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140M	CJ	Tall, U., et al. "The Effect of External Cardiac Pacing on Stroke Volume", PACE 13, May 1990, pp 598-602.	
	CK	Webster, John G., ed., Design of Cardiac Pacemakers, IEEE Press, Piscataway, NJ 1995.	
	CL	Fain, E.S., et al., "Improved Internal Defibrillation Efficacy With A Biphasic Waveform", American Heart Journal, 117(2), February 1989, pp. 358-364.	
	CM	Fromer, et al., "Ultrarapid Subthreshold Stimulation For Termination Of Atrioventricular Node Reentrant Tachycardia", Journal of the American College of Cardiology 20 (October 1992), pp. 879-883.	
	CN	Knisley, et al. "Prolongation and Shortening of Action Potentials by Electrical Shocks In Frog Ventricular Muscle", American Journal of Physiology 6 (Heart Circ. Physiol. 35, 1994) pp. H2346-H2358	
	CO	Antoni, H., et al., "Polarization Effects of Sinusoidal 50 Hz Alternating Current On Membrane Potential of Mammalian Cardiac Fibres", Pflügers Arch. 314, pp. 274-291, 1969.	
	CP	http://plouBOOKnet, April 2000, pp. 1-10	
	CQ	Cooper, W., "Postextrasystolic Potentiation: Do We Really Know What It Means And How To Use It?", Circulation, vol. 88, No. 6, Dec. 1993, pp. 2862-2871.	
	CR	Foster, A.H., et al., "Acute Hemodynamic Effects of Atrio-Biventricular Pacing In Humans", 1996, The Society of Thoracic Surgeons Vol. 59, pp. 294-299.	
140M	CS	Cazeau, S., et al., "Multisite Pacing For End-Stage Heart Failure: Early Experience", Pacing and Clinical Electrophysiology Vol. 19, Nov. 1996, Part II, pp. 1748-1757.	

Examiner Signature	<i>Kriste Miller</i>	Date Considered	4/14/06
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KOM	CT	Yu, et al., "Does Biventricular Pacing Provide Better Cardiac Function Than Univentricular Pacing In Normal Dogs?", Abstract, Heart Failure Society Abstracts-on-Disk, September 13-16, 1998, Boca Raton, Florida, one page	
	CU	Auricchio, A., et al., "Acute Pacing Of The Left Ventricle Is Associated With Largest Hemodynamic Improvements In PTH-CHF Heart Failure Patients", Abstract, Heart Failure Society Abstracts-on-Disk, September 13-16, 1998, Boca Raton, Florida, one page	
	CV	Leclercq, C., et al., "Comparative Effects of Permanent Biventricular Pacing In Class III and Class IV Patients", Pacing and Clinical Electrophysiology, April 1998, Vol. 21, No. 4, Part II, page 911.	
	CW	Bakker, P.F., et al., "Beneficial Effects Of Biventricular Pacing of Congestive Heart Failure" PACE, Vol. 17, April 1994, Part II, one page	
	CX	Bakker, P.F., et al. "Biventricular Pacing Improves Functional Capacity In Patients With End-Stage Congestive Heart Failure, PACE, April 1995, Part II, one page.	
KOM	CY	"The Latest Tetralogy of Fallot Discussion With Graphical Support Including Video Of Echocardiography And Catheterization", Pediatric ElectrophysiologyplcuBOOK ("An On-Line Resource For Pediatric Critical Care") (web address: <a href="http://pedscm.wustl.edu/all-net/english/cardpage/electr/cvsurg/dysrh-8.htm">http://pedscm.wustl.edu/all-net/english/cardpage/electr/cvsurg/dysrh-8.htm</a> .)	
	CZ		
	DA		
	DB		
	DE		

Examiner Signature	<i>Kristen Miller</i>	Date Considered	4/14/06
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